

Patent Abstracts of Japan

PUBLICATION NUMBER : 06192295
PUBLICATION DATE : 12-07-94

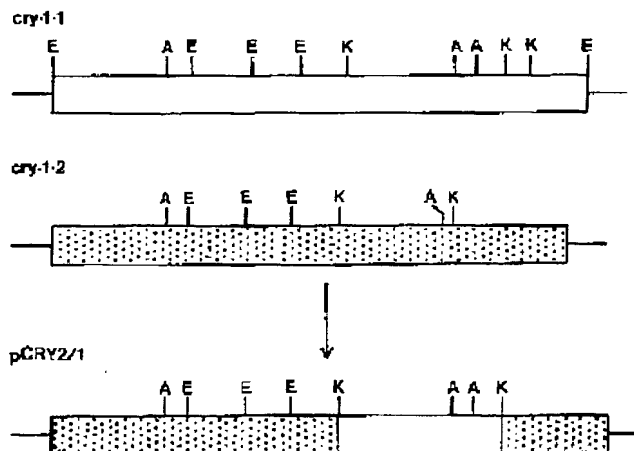
APPLICATION DATE : 01-03-91
APPLICATION NUMBER : 03059504

APPLICANT : TOAGOSEI CHEM IND CO LTD;

INVENTOR : OMORI IWAO;

INT.CL. : C07K 13/00 C12N 15/32 C12N 15/62 //
A01N 63/00 A01N 63/02 C12P 21/02
(C12N 15/32 , C12R 1:07), (C12P
21/02 , C12R 1:125)

TITLE : FUSED CRYSTALLINE TOXIN
PROTEIN AND GENE CODING THE
PROTEIN



ABSTRACT : PURPOSE: To relate to the crystal toxin protein having an excellent insecticidal effect and produced by *Bacillus thuringiensis*, and to construct the protein stable against proteases without deteriorating the characteristics of the protein.

CONSTITUTION: The C side terminal of a crystal toxin protein CRY-1-2 is substituted with the C side terminal of a crystal toxin protein CRY-1-2 to provide the crystal toxin protein. The crystal toxin protein excellent in an insecticidal effect and stable against proteases can be constructed, and when a gene coding the protein is used, the stable crystal toxin protein can be produced.

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APPL PARTS

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Internal Misc. Paper
LET.
Misc. Incoming Letter

371P
PCT Papers in a 371 Application

A...
Amendment Including Elections

ABST
Abstract

ADS
Application Data Sheet

AF/D
Affidavit or Exhibit Received

APPENDIX
Appendix

ARTIFACT
Artifact

BIB
Bib Data Sheet

CLM
Claim

COMPUTER
Computer Program Listing

CRFL
All CRF Papers for Backfile

DIST
Terminal Disclaimer Filed

DRW
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FRPR
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NPL
Non-Patent Literature

OATH
Oath or Declaration

PET.
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RETMAIL
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SEQLIST
Sequence Listing

SPEC
Specification

SPEC NO
Specification Not in English

TRNA
Transmittal New Application

CTNF
Count Non-Final

CTRS
Count Restriction

EXIN
Examiner Interview

M903
DO/EO Acceptance

M905
DO/EO Missing Requirement

NFDR
Formal Drawing Required

NOA
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PETDEC
Petition Decision

OUTGOING

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1449
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CTAV
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CTFR
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INCOMING

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REM
Applicant Remarks in Amendment

XT/
Extension of Time filed separate

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FWCLM
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UNITED STATES NATIONAL STAGE SHEET (DU,EO)

Barbara Campbell, Paralegal

PUBLICATION NO. WO 00/66755

PUBLICATION DATE 11-9-00

U. S. APPL. NO. 09/980650

INTERNATIONAL APPL. GBCO/01633

Application Filed By: 20 MOS. _____ 30 MOS. ☒

Copy of International Application ☒ Missing _____

371 Filing fees ☒ paid _____ insufficient _____

Total Claims 49 Chargeable 49 Independent 3 Multiple N

Total Drawing Sheets 21

Oath/Declaration missing _____ signed ☒ unsigned _____ defective _____

Small entity _____ large entity ☒

Biochemical Seq. Diskette ☒ missing _____ damaged _____ entered ☒ not entered _____

Biochemical Sequence listing _____ missing _____ statement ☒ no statement ☒

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Copy of IPRE ☒ annexes _____ entered _____ not entered _____

Preliminary Amendments ☒ entered _____ not entered _____

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Substitute Specification _____

Application fees owed ☒ paid ☒ declaration ☒ claims _____ multiple _____
Translation _____ extension of time _____

35 USC Receipt of Request 10-26-01

Date completion USC 371 Requirements 4-5-02

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Notice of Acceptance 8-8-02

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Internal

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